

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10791189".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 12:28
S2	1	"10/791189".app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 18:28
S3	2	"5063164".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 12:35
S4	37	("4043934"   "4439488"   "4482635"   "4917956").PN. OR ("5063164").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 12:38
S5	293	422/91.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 13:12
S6	1613	takahashi-yutaka.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 12:59
S7	0	S5 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 12:59
S8	44306	airborne	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 13:13
S9	14	S5 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 13:25
S10	5	turntable with detector with ("particle remover" or "felt pad" or "wheel cleaner" or "blade" or "wiper" or brush)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 13:45

## EAST Search History

S11	15344	collect\$4 adj surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 13:46
S12	1056318	"felt pad" or "cloth wheel" or brush or nozzle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:07
S13	2908	S11 S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 13:47
S14	10107	detector "422"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 13:47
S15	15	S13 S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:28
S16	0	6707539,pn,	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:07
S17	3	"6707539".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:08
S18	2	"6695146".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:11
S19	92	"inertial impactor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:44
S20	85	felt same regenerator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:30

## EAST Search History

S21	3	S19 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:29
S22	3401	felt same brush	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:30
S23	3	S19 S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:30
S24	31447	regenerator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:30
S25	3	S19 S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:30
S26	4348	"impactor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:30
S27	14	S24 S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:31
S28	15	"inertial impactor" ("cleaner" or "cleaning device" or sweeper or wiper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:46
S29	3	"3760630".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 14:45
S30	11	("2076554"   "2312295"   "2947382"   "3523733").PN. OR ("3760630"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 14:47

## EAST Search History

S31	10	("3760630"   "3970428"   "4255172"   "4590792"   "4947839"   "4961966"   "5304125").PN. OR ("6363800").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 14:55
S32	28	("3001914"   "3518815"   "3760630"   "3901798"   "3922905"   "3972226"   "4473384"   "4670135"   "4767524"   "4961966"   "5040424"   "5304125"   "5425802"   "5533406"   "5776754"   "5786894"   "5932795"   "6101886"   "6110247"   "6217636"   "6240768"   "6276016"   "6284025"   "6363800"   "6435043"   "6695146").PN. OR ("6938777").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 15:30
S33	2538	"particle remover" or "removes particles"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:30
S34	1111973	detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:31
S35	243	S33 S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:31
S36	2744	"collection surface" or "inertia impactor" or "inertial impactor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:32
S37	10	S35 S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:44
S38	2	"reuseable plate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:45
S39	1450	"collection plate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:45

## EAST Search History

S40	173	"collection plate" detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:52
S41	329527	("cleaner" or "cleaning device" or sweeper or wiper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:48
S42	4	S40 S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:46
S43	237237	("cleaner" or "cleaning device")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:48
S44	335683	("brush" or "cleaning device")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:48
S45	4	S40 S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:50
S46	0	surface ("remove particles near surface") detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:51
S47	709	"remove particles" near2 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:51
S48	0	S40 S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:52
S49	172204	"plate" detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 15:52

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S50	11	S47 S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:02
S51	212	"particle remover"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:02
S52	122	"particle remover" surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:03
S53	17	"particle remover" surface detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:03
S54	13	("1862436"   "3770111"   "4602745"   "4643366"   "4726898"   "4776466"   "4884463"   "4946046"   "5050808").PN. OR ("5261285"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:08
S55	25	("3799736"   "4074130"   "4280624"   "4376951"   "4474295"   "4476981"   "4493420"   "4549205"   "4582201").PN. OR ("4776466"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:14
S56	1102	"felt surface"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:15
S57	22	"felt surface" detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:16
S58	2902	"surface cleaner"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:17
S59	48	"surface cleaner" contaminant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:17

## EAST Search History

S60	0	"surface cleaner" contaminant ("detection device" or detector or spectrometer or photometer or photodetector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:18
S61	9098	contaminant ("detection device" or detector or spectrometer or photometer or photodetector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:18
S62	1	2003-209472.NRAN.	DERWENT	AND	OFF	2006/11/17 16:23
S63	2	"6635845".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 16:23
S64	5	("5023424"   "5800625"   "5958268"   "6555781").PN. OR ("6635845").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:23
S65	54	("3180418"   "3429743"   "3481784"   "4089702"   "4115683"   "4377735"   "4601576"   "4671848"   "4752668"   "4756765"   "4839493").PN. OR ("5023424").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:24
S66	6	("4987286"   "5023424"   "5531857"   "5634230"   "5669979"   "5814156").PN. OR ("6949147").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:26
S67	39	("4368080"   "4670637"   "4720621"   "4752668").PN. OR ("4987286").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:28
S68	34	("2920987"   "3668008"   "3939526"   "4268934"   "4483611"   "4677704"   "4744833"   "4777804"   "4785324"   "4839206"   "4864461"   "4987286").PN. OR ("5350428").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:43
S69	22	("2359476"   "2920987"   "3245835").PN. OR ("4744833").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/17 16:53
S70	4	("3245835").URPN.	USPAT	AND	OFF	2006/11/17 17:00
S71	43	call-charles-j.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/17 17:00

## EAST Search History

S72	13	("3633405"   "5949001"   "6267016"   "6532835").PN. OR ("6729196").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/18 15:12
S73	13	("20040235155"   "20050081655"   "3526219"   "3633405"   "3684660"   "4558752"   "5949001"   "6267016"   "6455982"   "6532835"   "6729196").PN. OR ("7121157").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/18 15:20
S74	126	("3526219").URPN.	USPAT	AND	OFF	2006/11/18 15:23
S75	38	("20030222012"   "20040107782"   "2696275"   "3754868"   "3768302"   "4000995"   "4169714"   "4225327"   "4249655"   "4255172"   "4267048"   "4350507"   "4606232"   "4718268"   "4734109"   "4941899"   "5380437"   "5448062"   "5646357"   "5783756"   "5919356"   "5942699"   "6082179"   "6101886"   "6210575"   "6217636"   "6267016"   "6468330"   "6482252"   "6484594"   "6499337"   "6520034"   "6530287"   "6532835"   "6550347"   "6589323"   "6729196").PN. OR ("7062982").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/18 15:40
S76	6	Merrill-ezra.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 15:42
S77	5	beckius-robert.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 15:42
S78	15	("3451777"   "3692178").PN. OR ("3754868").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/18 15:53



## EAST Search History

S79	49	("0877460"   "0902958"   "0906038"   "1603878"   "1807378"   "1825274"   "2939545"   "3693457"   "3754868"   "3932151"   "3983743"   "4133202"   "4321822"   "4387603"   "4452068"   "4640140"   "4689052"   "4697462"   "4732585"   "4764186"   "4857276"   "4877430"   "4891052"   "4941899"   "4942297"   "4990740"   "5040424"   "5128539"   "5254861"   "5302174"   "5318609"   "5332550"   "5412975"   "5472645"   "5498271"   "5512216"   "5676718").PN. OR ("6110247").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/18 16:00
S80	2	"6092253".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 16:18
S81	2	"6092253".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 16:19
S82	2	"6283835".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 16:19
S83	2	"6110247".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 18:34
S84	58	mesosystems.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 18:34
S85	10	("3760630"   "3970428"   "4255172"   "4590792"   "4947839"   "4961966"   "5304125").PN. OR ("6363800").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/18 18:38

## EAST Search History

S86	28	("3001914"   "3518815"   "3760630"   "3901798"   "3922905"   "3972226"   "4473384"   "4670135"   "4767524"   "4961966"   "5040424"   "5304125"   "5425802"   "5533406"   "5776754"   "5786894"   "5932795"   "6101886"   "6110247"   "6217636"   "6240768"   "6276016"   "6284025"   "6363800"   "6435043"   "6695146").PN. OR ("6938777"). URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/18 18:50
S87	32	allen-s-d.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 18:54
S88	1	2006-611751.NRAN.	DERWENT	AND	OFF	2006/11/18 18:53
S89	13	uziel-y.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 18:54
S90	1	2006-221386.NRAN.	DERWENT	AND	OFF	2006/11/18 19:01
S91	2	"20020124664"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 20:08
S92	2	"20040232052"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 20:51
S93	2	"6695146".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 20:52
S94	2	"6363800".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/18 20:52
S95	2	"4987286".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/29 12:47

## EAST Search History

S96	5	"6908567".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/29 13:02
S97	3	"6805751".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/29 13:03
S98	2	"20040232052"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/29 13:19
S99	2	"20020124664"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/29 14:05
S10 .0	1	10/312640.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	OFF	2006/11/29 14:05